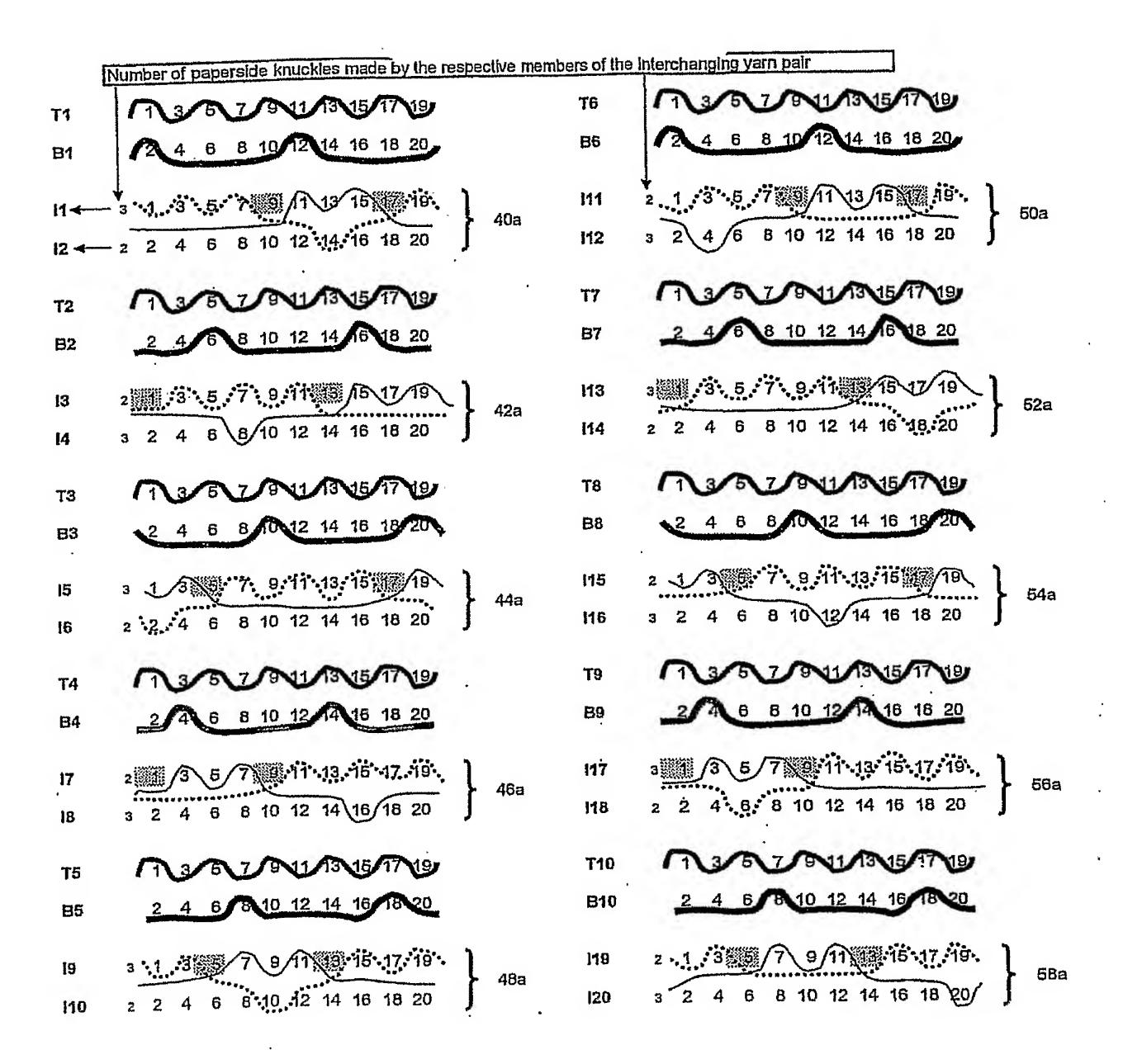


FIG.:1



FIG, 2

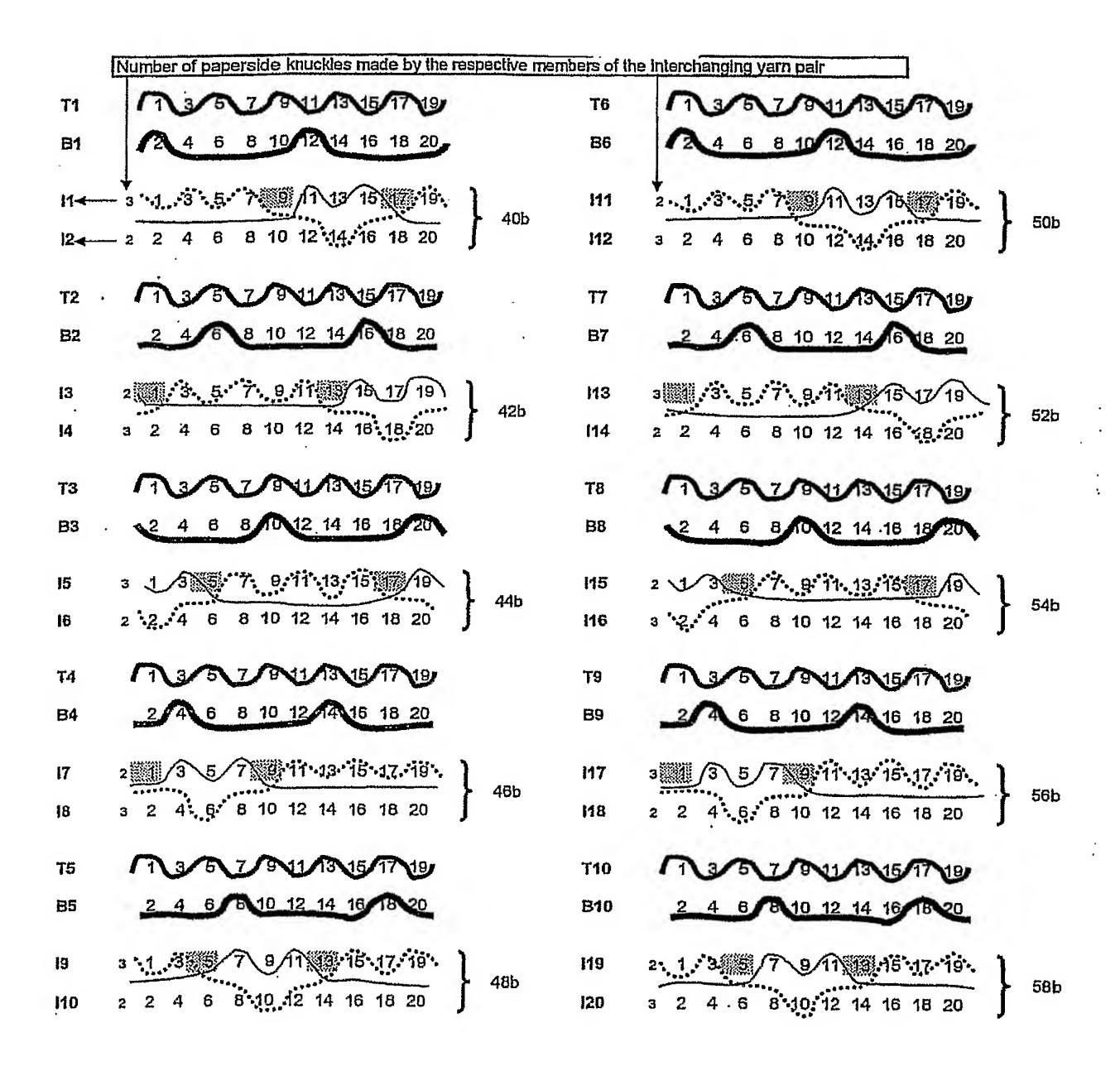
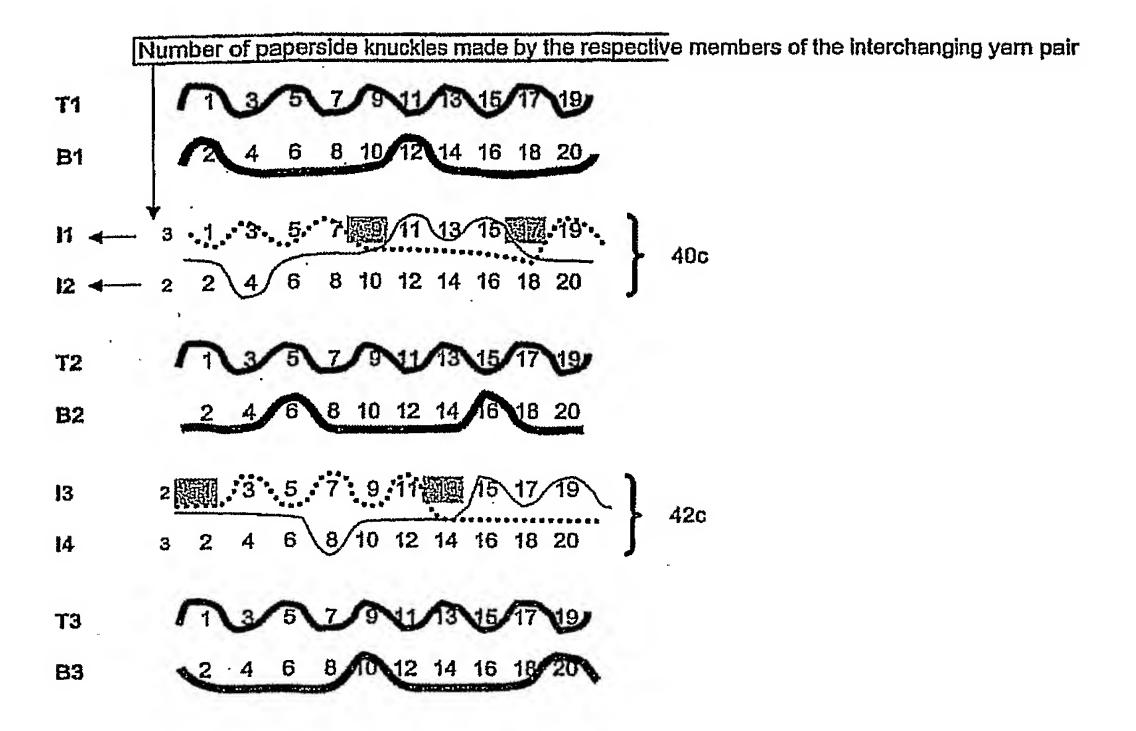
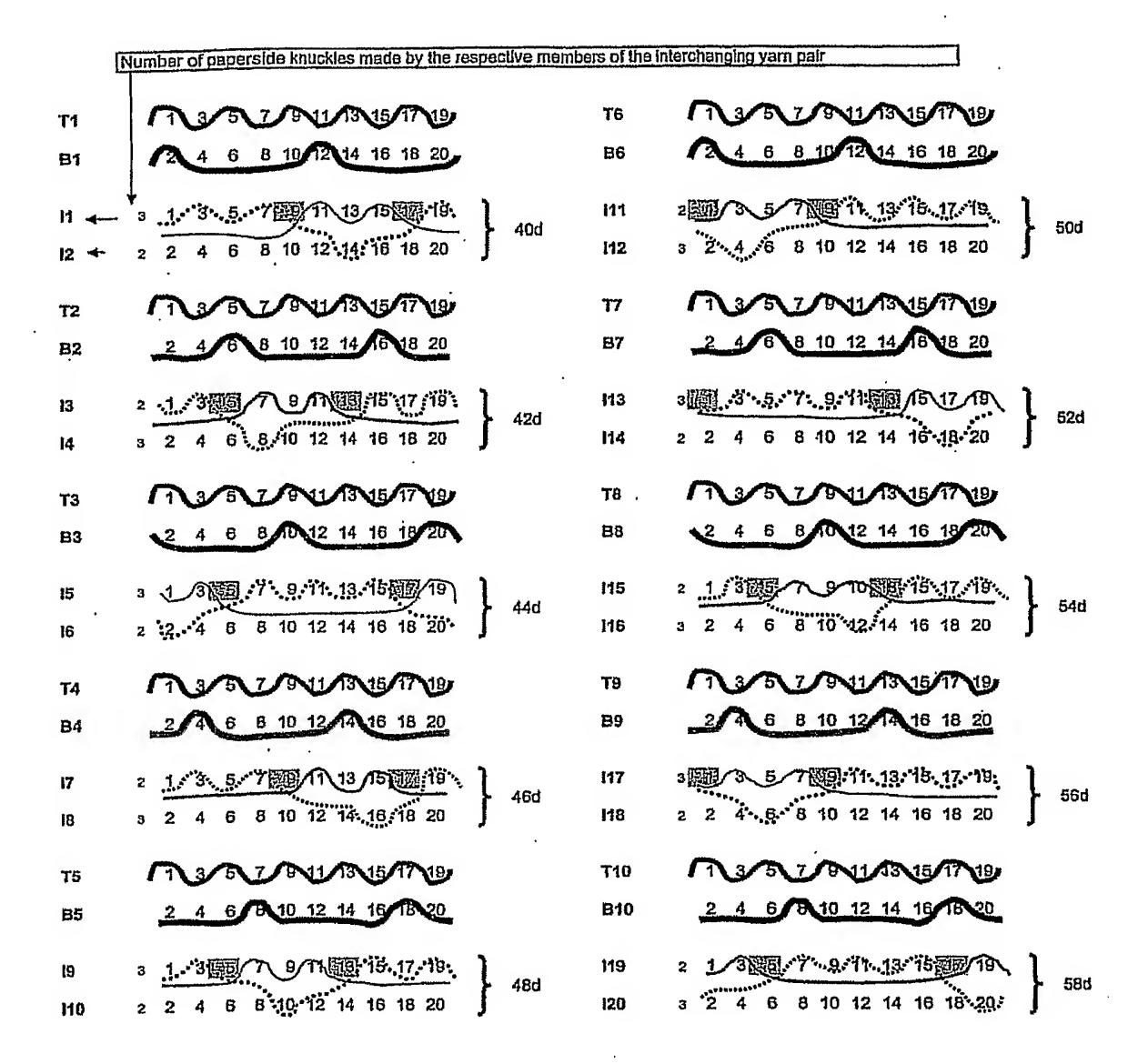


FIG. 3



FIG, 4

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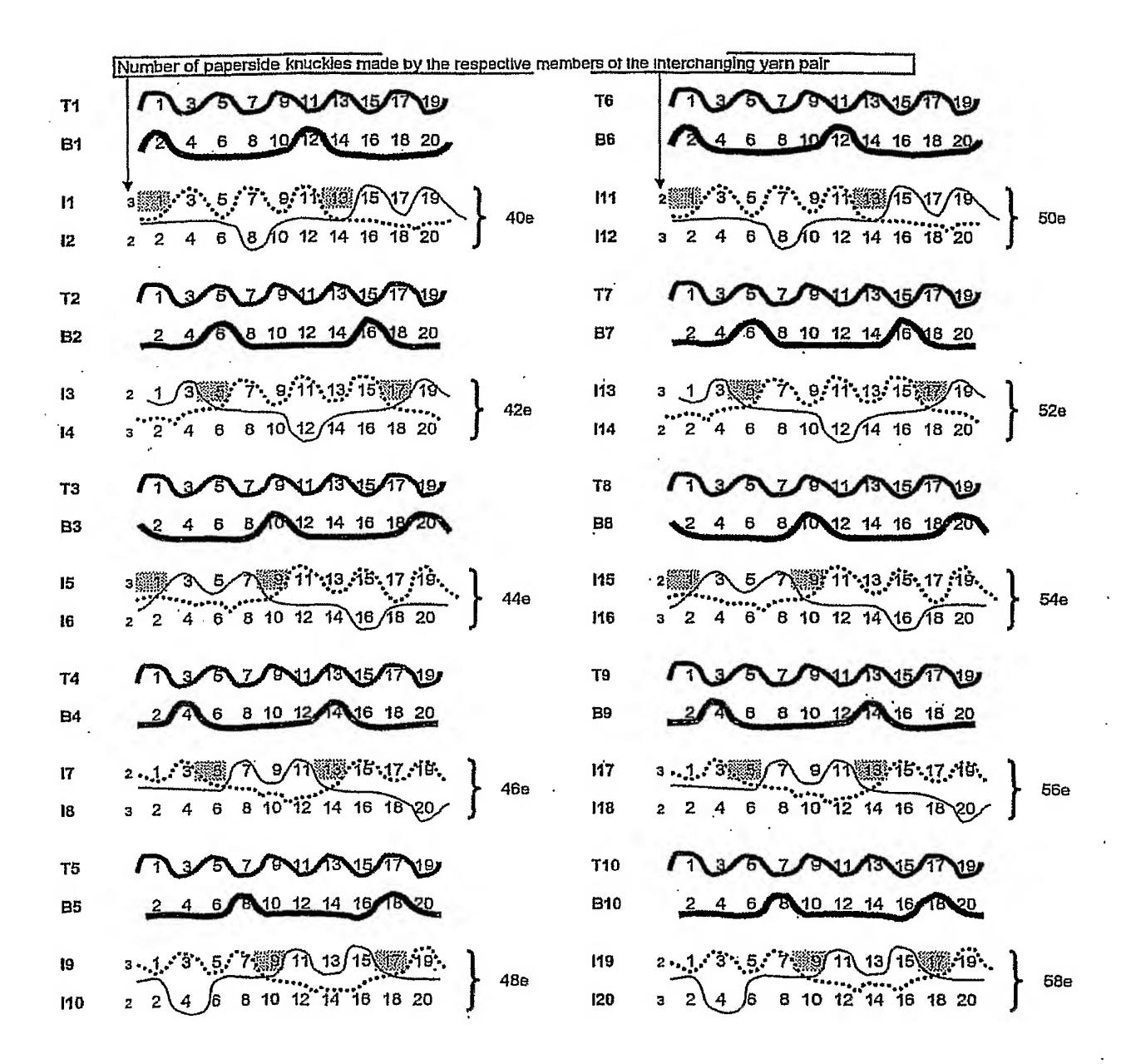


FIG. 6

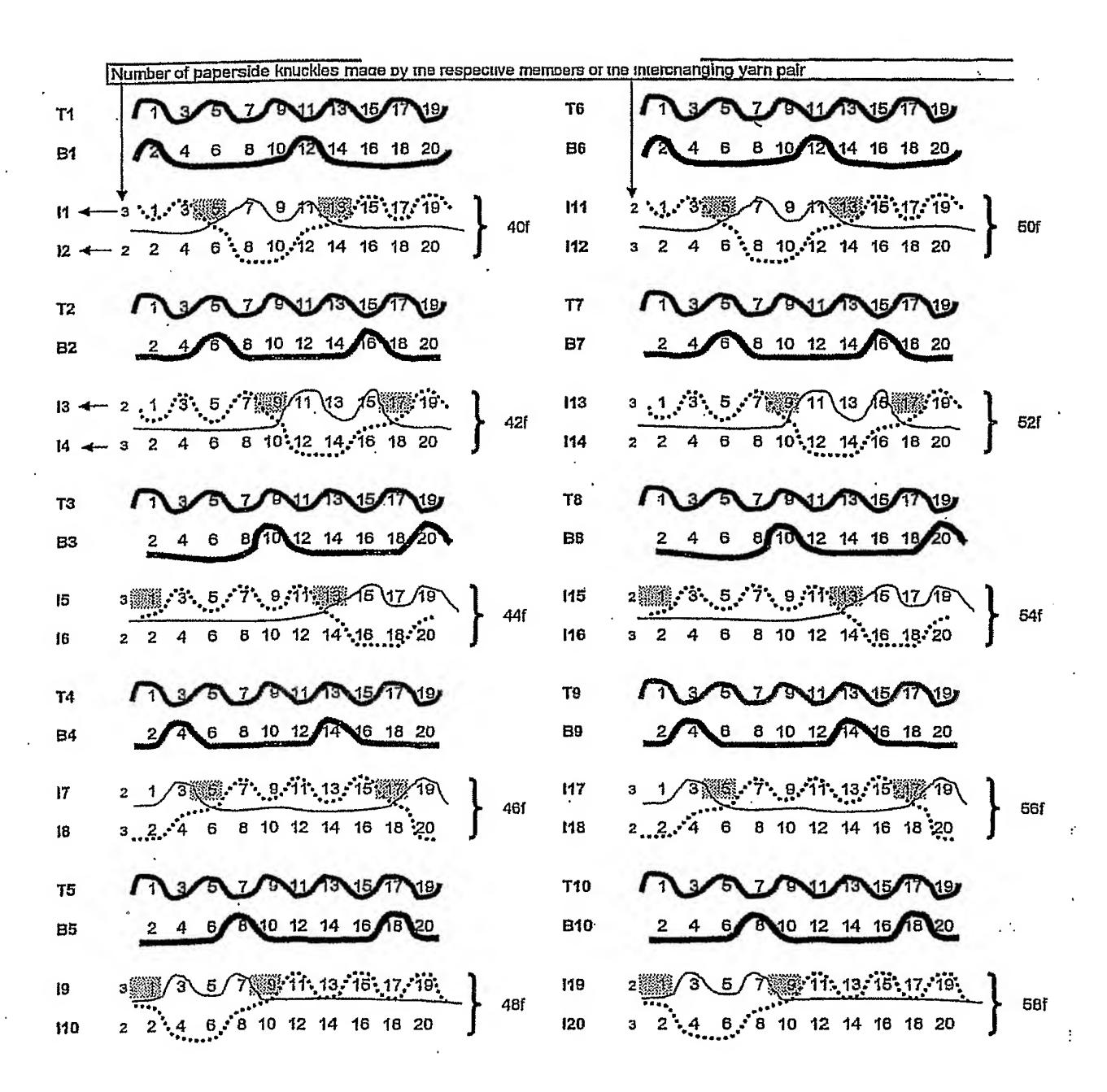


FIG. 7

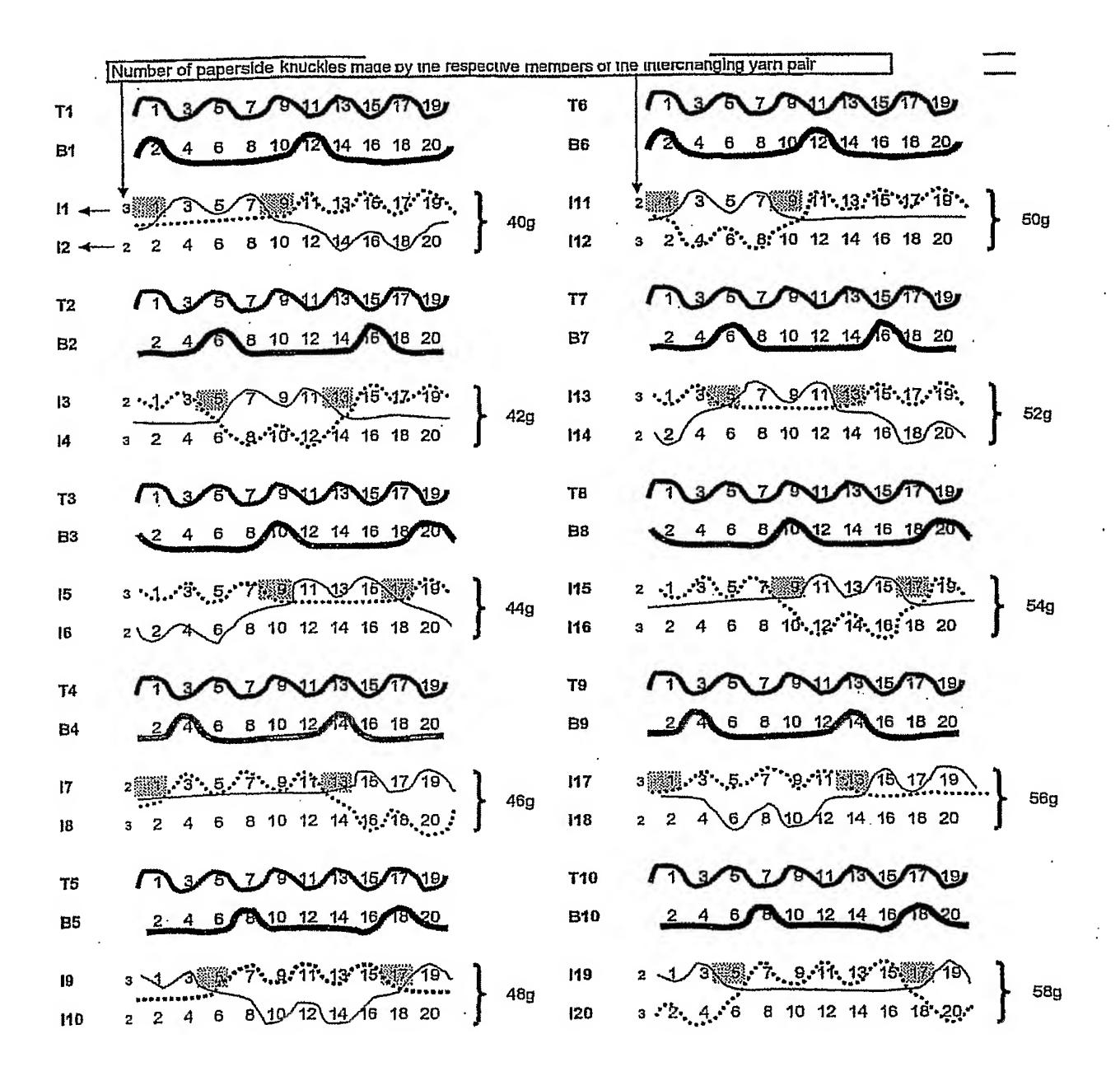


FIG. 8

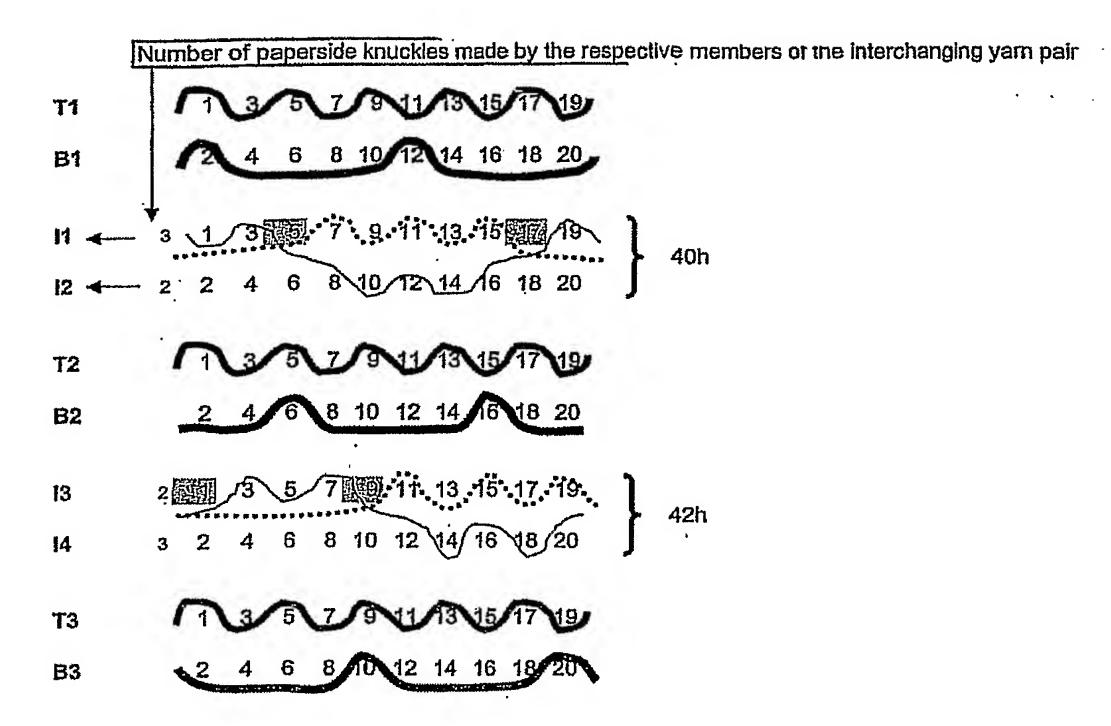
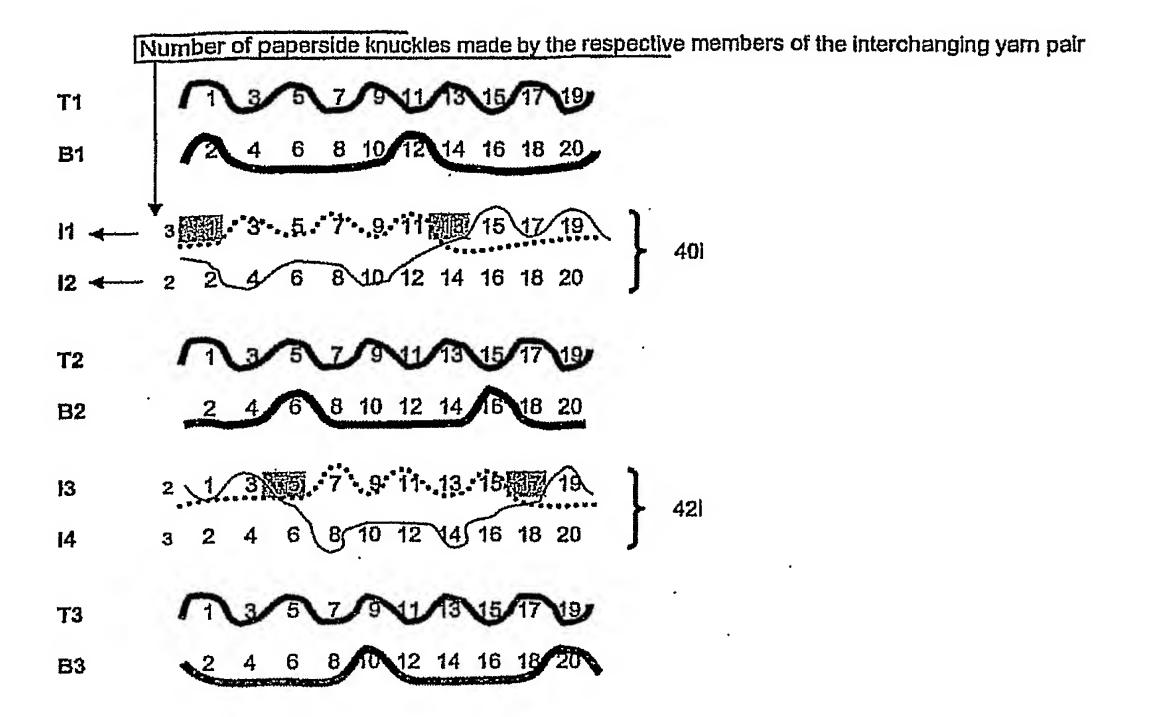


FIG. 9



. FIG. 10

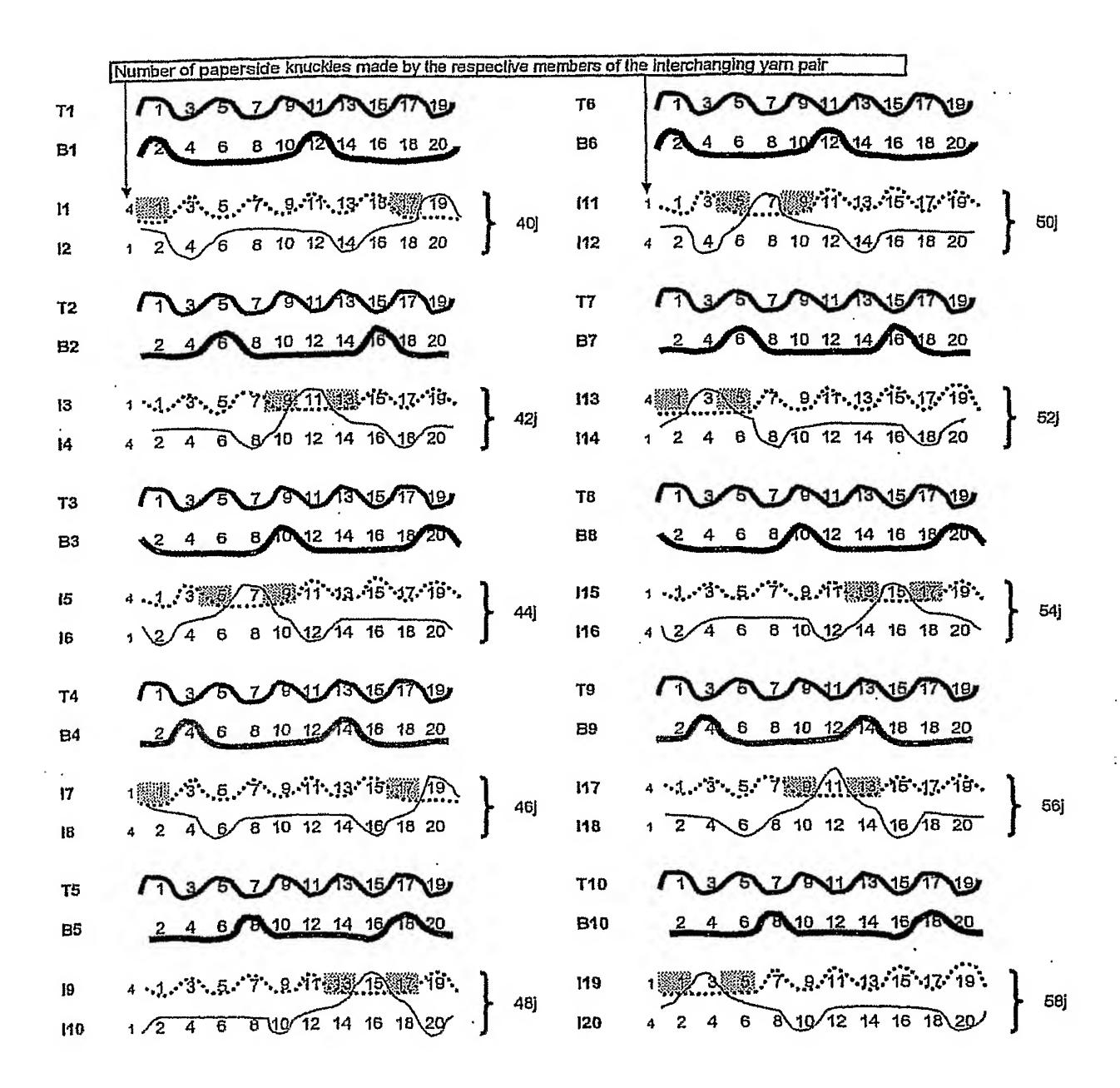


FIG. 11

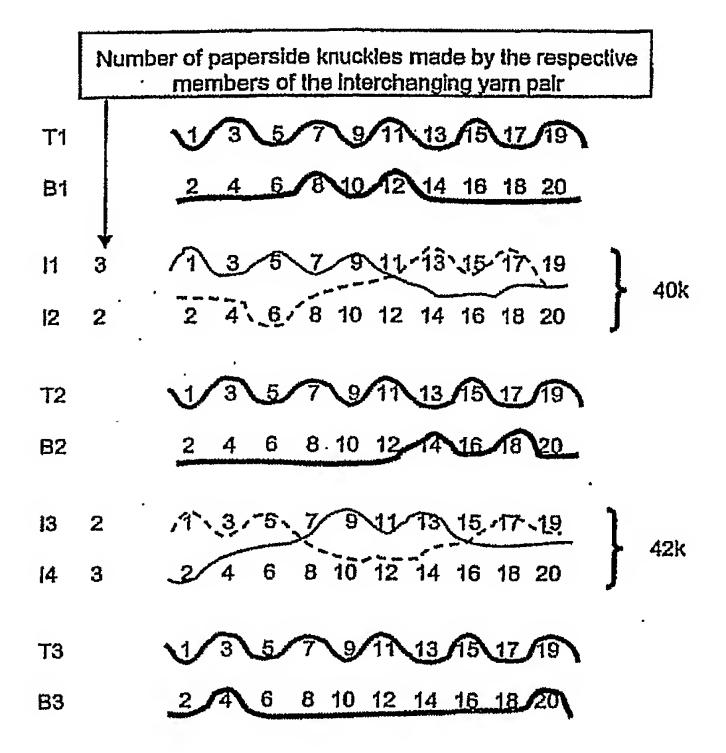


FIG. 12

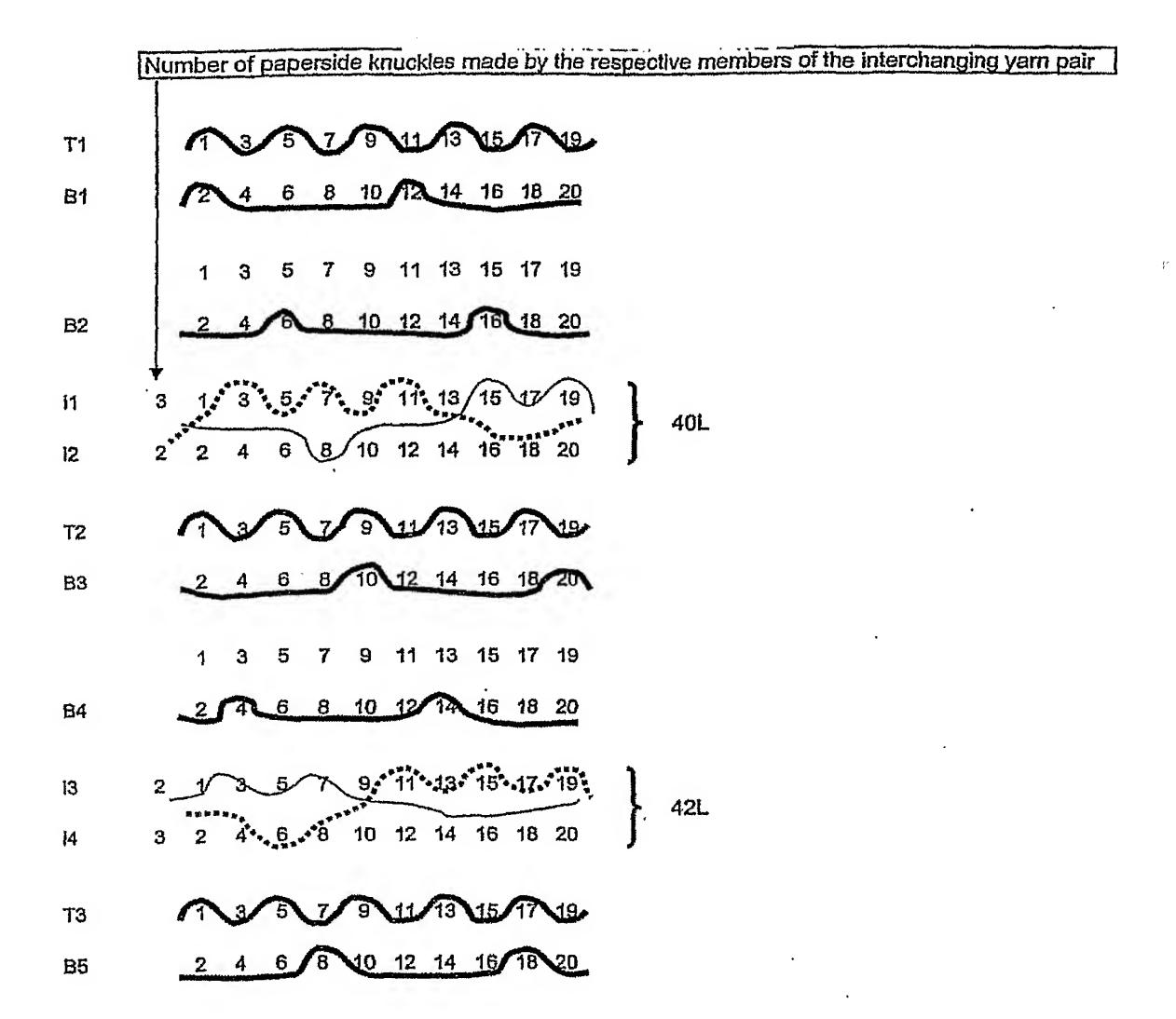


FIG. 13

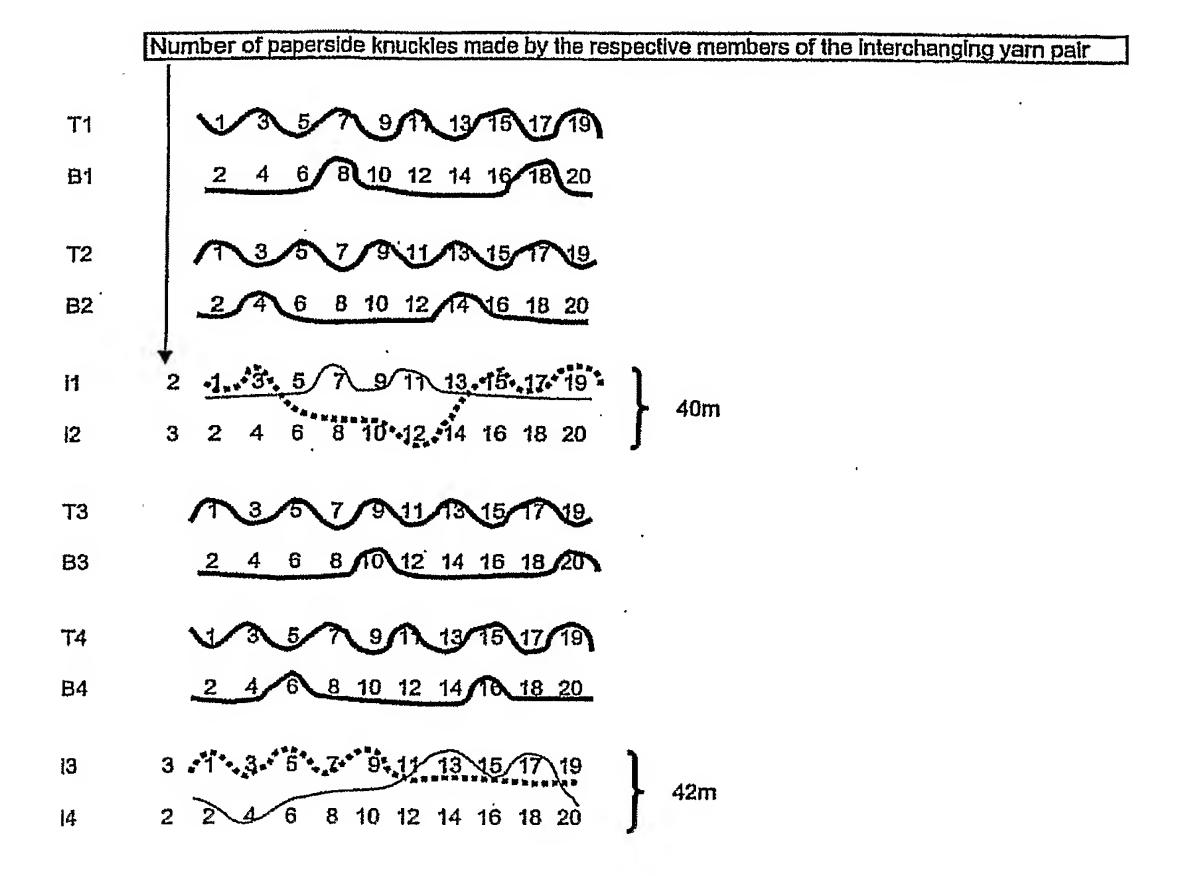


FIG. 14

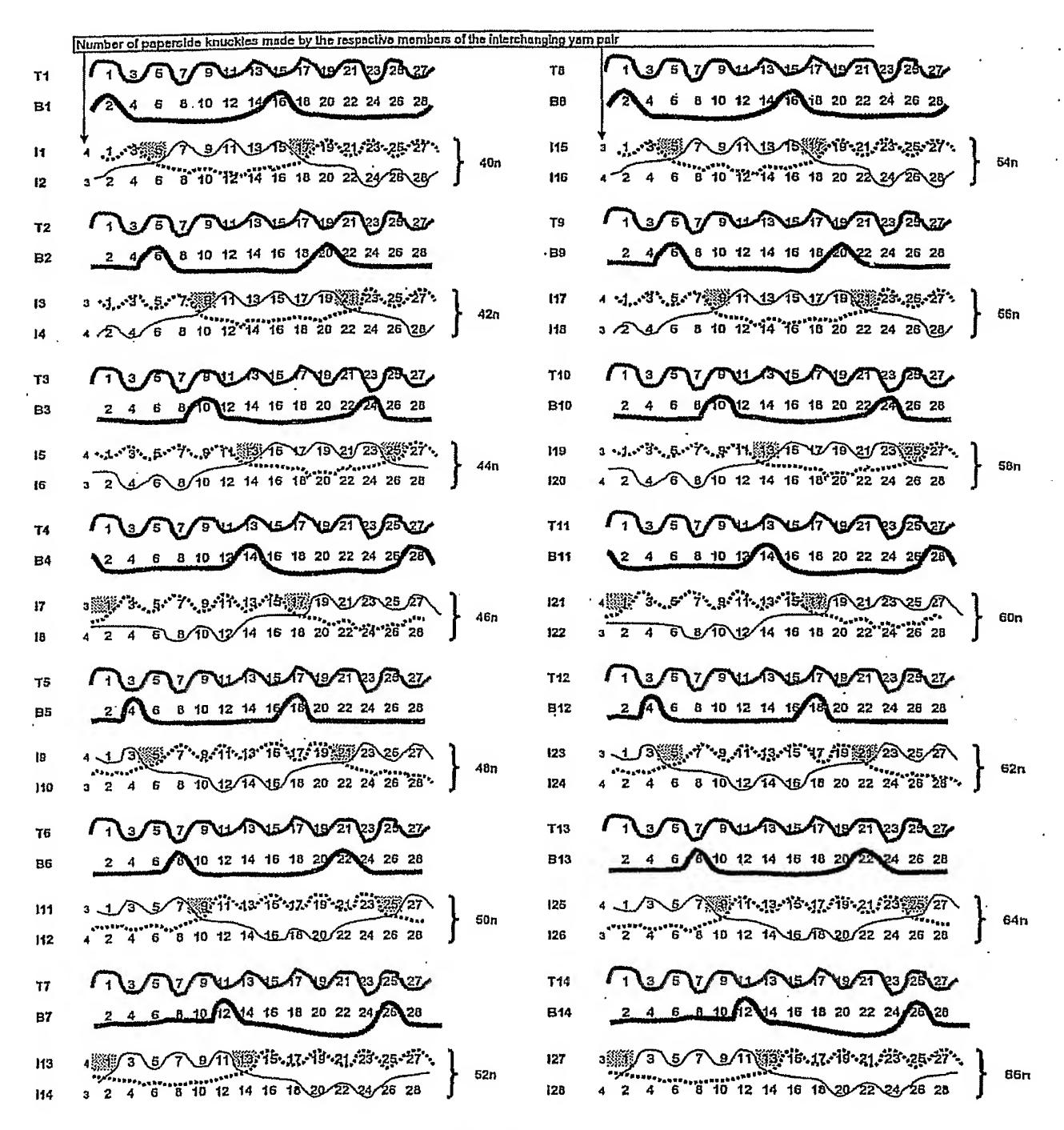


FIG. 15

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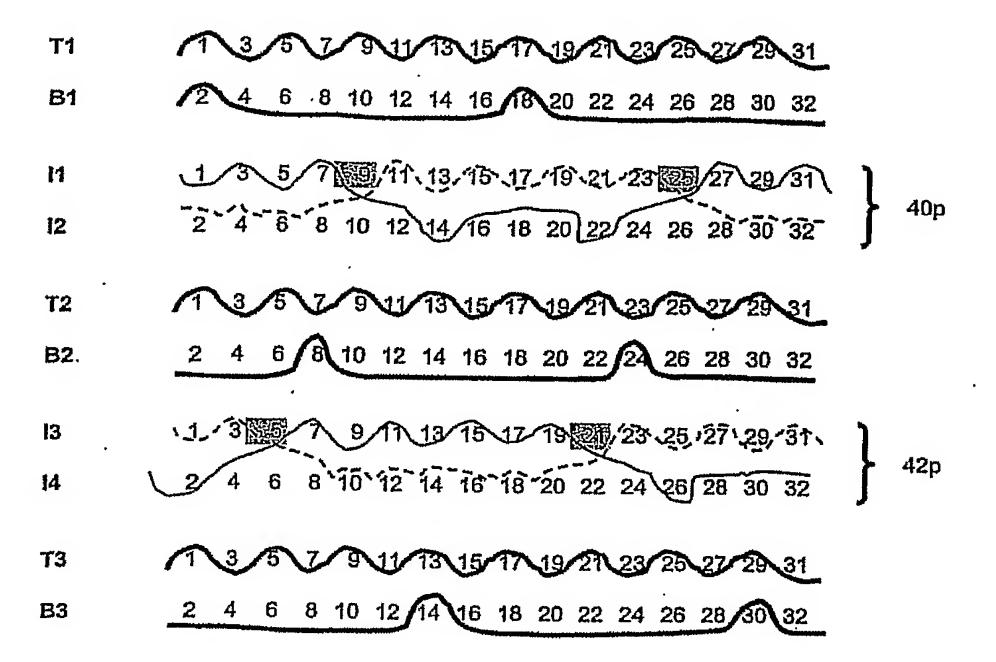


FIG. 16

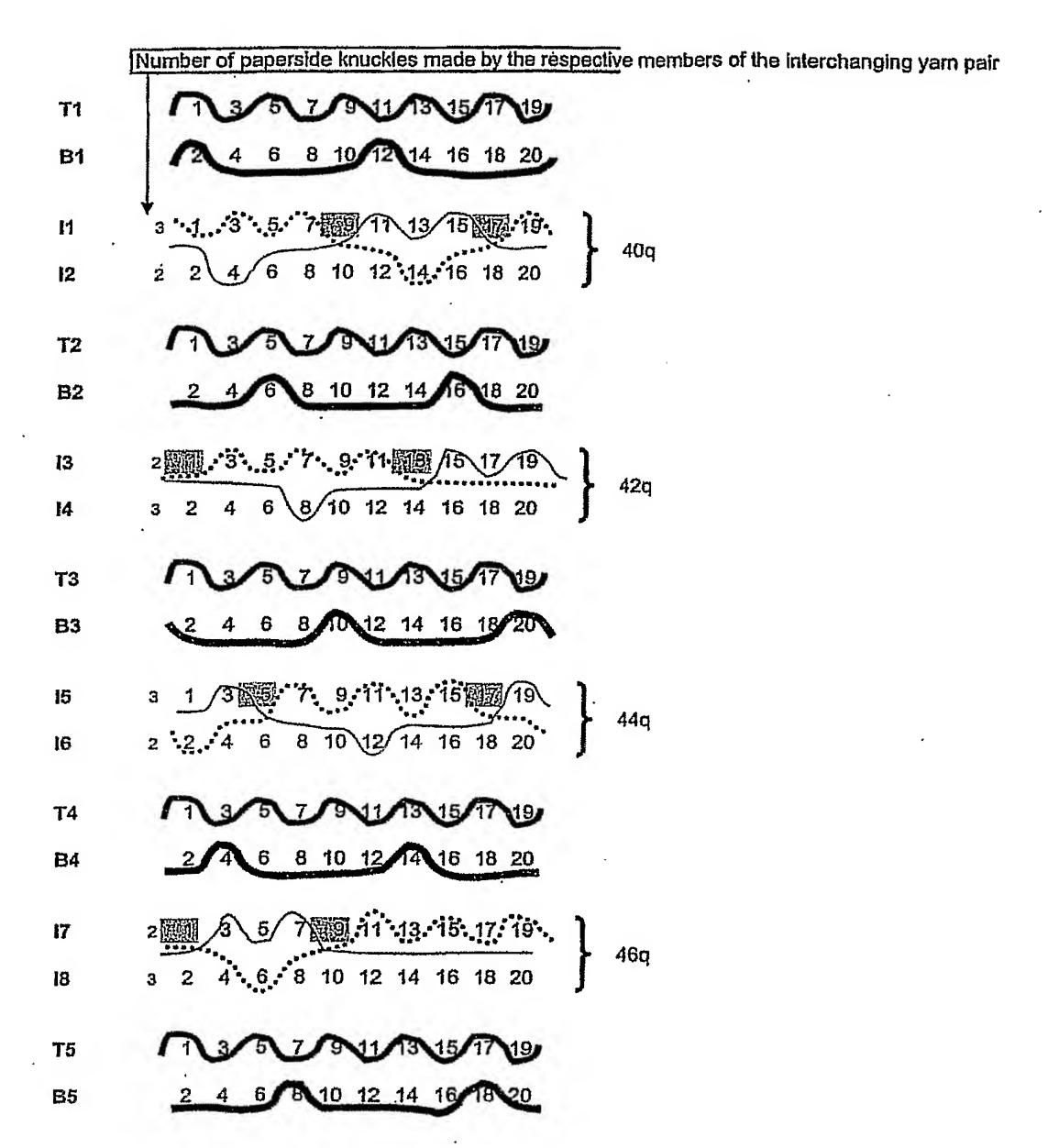


FIG. 17

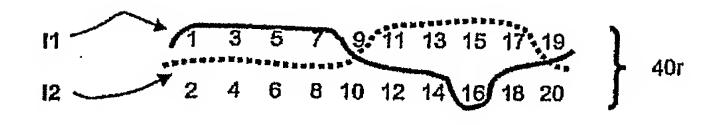


FIG. 18

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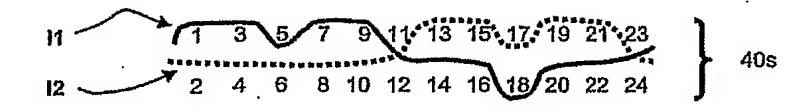


FIG. 19

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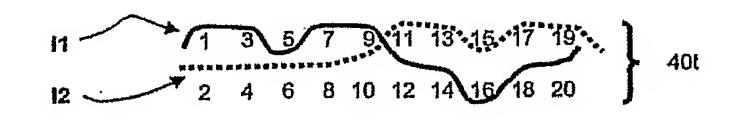


FIG. 20

Fig.	Weave	CD Ratio	PS Knuckles	PS Knuckles	Reversing	insertion order	Length of	Length of	Binder
,				made by an	segment	•		Interchanging	makes
.,		•	Interchanging		_			binder stiff	multiple WS
	MD		Top CD	Binder CD	interchanging		section	section	interlacings
1.	varns)				CD pairs			(warp pairs)	" Kerraon 195
2	20	2:1	2 or 3	3 or 2	yes	always 1st	7 or 5	none	, no
3	20	2:1	2	3	yes	1st or 2nd	7	none	no
4	20	2:1	3	2	yes	2nd or 1st	5	none	no
5	20	2:1	2	3 ,	yes	1st or 2nd	7	none	no
6	20	2:1	3	2	yes	2nd or 1st	. 5	none	no
7	20	2:1	2	3	yes	1st or 2nd	7	none	yes
8	20	2:1	3 or 2	2 or 3	yes	always 2nd	5 or 7	none	yes
9	20 .	2:1	3 .	2	yes	2nd or 1st	5	none	yes
10	20	2:1	3	2	yes	2nd or 1st	5	2	yes
11	20	2:1	4	1	yes	2nd or 1st	3	4	yes
12	20	2:1	3	2	yes	2nd or 1st	5	none	no
13	20	1:1	3 or 2	2 or 3	yes	aiways 2nd	5 or 7	none	סמ
14	20	3:2	2 or 3	3 or 2	yes	always 2nd	7 or 5	none	no
15	28	2:1	4	3	yes	2nd or 1st	7	none	yes
16	32	2:1	4	4	no .	1st,2nd or alt	9	3 .	yes
17	20	2:1	0, 2 or 3	3 or 2	yes	1st or 2nd	0 or 5 or 7	none	no
18	20	*	1	1	no	1st,2nd or alt	6	none'	no
19	24	*	2	2	ho	1st,2nd or alt	7	none	no
20	20	W	2	2	ħο	1st,2nd or alt	5	none	no

^{*} can be either 1:1, 2:1, 3:2 etc